

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	2	"US 20070114598"	US-PGPUB; USPAT; USOCR; DERWENT	OR	OFF	2009/06/29 13:51
S2	8	("20020179968"   "5463241"   "5751024"   "6001678"   "6040599"   "6221721"   "6518629"   "6518629"   "6768168"). PN.	US-PGPUB; USPAT	OR	OFF	2009/06/29 14:43
S3	812	(257/E29.201).CCL.S.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/06/29 14:58
S4	4	("4767722"   "5034785"   "6008520"   "6144067").PN. OR ("7112843").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/06/29 15:49
S5	7	("5072266"   "5468982"   "5545908"   "5895952"   "5910669"   "6005271").PN. OR ("6518624").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/06/29 15:51
S6	28	("4970173"   "5124764"   "5155052"   "5248627"   "5250449"   "5298780"   "5319236"   "5460985"   "5460986"   "5470770"   "5473176"   "5541429"   "5714781"   "5747851"   "5776812"   "5780324"   "5877527"   "5925911").PN. OR ("6278155").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/06/29 15:52
S7	40	("4827321"   "4994871"   "5082795"   "5298780"   "5554862"   "5559656").PN. OR ("6225649").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/06/29 15:54

S8	7	("4693781"   "4760434"   "4896199"   "5298780"   "5460985"   "5470770").PN. OR ("5998268").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/06/29 15:56
S9	13	((KOJI) near2 (HOTTA)).INV.	US-PGPUB; USPAT	OR	OFF	2009/06/29 15:57
S10	11	((SACHI KO) near2 (KAWAJI)).INV.	US-PGPUB; USPAT	OR	OFF	2009/06/29 15:57
S11	30	((TAKAHIDE) near2 (SUGIYAMA)).INV.	US-PGPUB; USPAT	OR	OFF	2009/06/29 15:58
S12	5	((MASANORI) near2 (USUI)).INV.	US-PGPUB; USPAT	OR	OFF	2009/06/29 15:58
S13	47	S9 or S10 or S11 or S12	US-PGPUB; USPAT; USOCR	OR	OFF	2009/06/29 15:58
S14	9	toyota.as. and igbt and barrier	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/29 16:01
S15	1	("5751024").PN. OR ("6921941").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/06/29 16:02
S16	7	("20020179976"   "5329142"   "5448083"   "5585651"   "5689121"   "5838026"   "6518629").PN. OR ("7423316").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/06/29 16:02
S17	298	"257".clas. and (igbt or "insulated gate bipolar transistor") and barrier near (layer or region)	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/29 17:01
S18	153	"257".clas. and (igbt or "insulated gate bipolar transistor") and (latch-up or "latch up") with prevent\$3 with (layer or region or diffusion)	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/29 17:11
S19	4	("5321295"   "5703383").PN. OR ("6563170").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/06/29 17:27
S20	14	("4767722"   "4969024"   "4994871"   "5468982"   "5821583"   "5998837"   "6002143"   "6262470").PN. OR ("6541818").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/06/29 17:27
S21	4	("4767722"   "5034785"   "6008520"   "6144067").PN. OR ("7112843").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/06/29 17:43

S22	66	"257".clas. and (igbt or "insulated gate bipolar transistor") and emitter same (float\$3 near (layer or region or diffusion))	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/29 17:51
S23	10	("5291040"   "5306930"   "5389801"   "5396087"   "5413313"   "5460981"   "5463241"   "5703384").PN. OR ("6169299").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/06/29 17:54
S24	49	(US-20070114598-\$ or US-20080283867-\$ or US-20080012040-\$ or US-20070262390-\$ or US-20070093019-\$ or US-20070085148-\$ or US-20070063269-\$ or US-20060081919-\$ or US-20050236664-\$ or US-20050093061-\$ or US-20050062105-\$ or US-20040089895-\$ or US-20040041207-\$ or US-20030227050-\$ or US-20030201454-\$ or US-20030011027-\$ or US-20020153558-\$ or US-20020117712-\$ or US-20010026977-\$ or US-20020006703-\$ or US-20010020719-\$ or US-20090008675-\$).did. or (US-7541642-\$ or US-7485921-\$ or US-7423316-\$ or US-7112843-\$ or US-7034357-\$ or US-6720615-\$ or US-6683343-\$ or US-6683331-\$ or US-6664591-\$ or US-6638826-\$ or US-6518624-\$ or US-6495871-\$ or US-6278155-\$ or US-6225649-\$ or US-6114207-\$ or US-6002143-\$ or US-5998268-\$ or US-5877527-\$ or US-5463241-\$ or US-6008520-\$ or US-7446374-\$ or US-	US-PGPUB; USPAT	OR	OFF	2009/06/30 23:06

		6803626-\$ or US- 6930353-\$ or US- 6563170-\$ or US- 6541818-\$ or US- 6281546-\$).did. or (US- 6169299-\$).did.				
S25	1781	(257/330).CQLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/07/01 00:24
S26	159	S25 and barrier near (layer or region)	US-PGPUB; USPAT	OR	OFF	2009/07/01 00:24
S27	50	(US-20070114598-\$ or US-20080283867-\$ or US- 20080012040-\$ or US- 20070262390-\$ or US- 20070093019-\$ or US- 20070085148-\$ or US- 20070063269-\$ or US- 20060081919-\$ or US- 20050236664-\$ or US- 20050093061-\$ or US- 20050062105-\$ or US- 20040089895-\$ or US- 20040041207-\$ or US- 20030227050-\$ or US- 20030201454-\$ or US- 20030011027-\$ or US- 20020153558-\$ or US- 20020117712-\$ or US- 20010026977-\$ or US- 20020006703-\$ or US- 20010020719-\$ or US- 20090008675-\$).did. or (US-7541642-\$ or US- 7485921-\$ or US- 7423316-\$ or US- 7112843-\$ or US- 7034357-\$ or US- 6720615-\$ or US- 6683343-\$ or US- 6683331-\$ or US- 6664591-\$ or US- 6638826-\$ or US- 6518624-\$ or US- 6495871-\$ or US- 6278155-\$ or US- 6225649-\$ or US- 6114207-\$ or US- 6002143-\$ or US- 5998268-\$ or US- 5877527-\$ or US- 5463241-\$ or US- 6008520-\$ or US- 7446374-\$ or US- 6803626-\$ or US-	US-PGPUB; USPAT	OR	OFF	2010/01/05 15:00

		6930353-\$ or US- 6563170-\$ or US- 6541818-\$ or US- 6281546-\$).did. or (US- 6169299-\$ or US- 5917216-\$).did.				
S28	50	(US-20070114598-\$ or US-20080283867-\$ or US- 20080012040-\$ or US- 20070262390-\$ or US- 20070093019-\$ or US- 20070085148-\$ or US- 20070063269-\$ or US- 20060081919-\$ or US- 20050236664-\$ or US- 20050093061-\$ or US- 20050062105-\$ or US- 20040089895-\$ or US- 20040041207-\$ or US- 20030227050-\$ or US- 20030201454-\$ or US- 20030011027-\$ or US- 20020153558-\$ or US- 20020117712-\$ or US- 20010026977-\$ or US- 20020006703-\$ or US- 20010020719-\$ or US- 20090008675-\$).did. or (US-7541642-\$ or US- 7485921-\$ or US- 7423316-\$ or US- 7112843-\$ or US- 7034357-\$ or US- 6720615-\$ or US- 6683343-\$ or US- 6683331-\$ or US- 6664591-\$ or US- 6638826-\$ or US- 6518624-\$ or US- 6495871-\$ or US- 6278155-\$ or US- 6225649-\$ or US- 6114207-\$ or US- 6002143-\$ or US- 5998268-\$ or US- 5877527-\$ or US- 5463241-\$ or US- 6008520-\$ or US- 7446374-\$ or US- 6803626-\$ or US- 6930353-\$ or US- 6563170-\$ or US- 6541818-\$ or US- 6281546-\$).did. or (US- 6169299-\$ or US-	US-PGPUB; USPAT	OR	OFF	2010/03/22 15:33

		5917216-\$).did.				
S31	3	((("20020179968") or ("5463241") or ("6518629")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/03/22 15:35
S32	2188	(257/330).CQLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/03/22 15:41
S33	837	(257/E29.201).CQLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/03/22 15:41

3/22/2010 6:06:26 PM

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